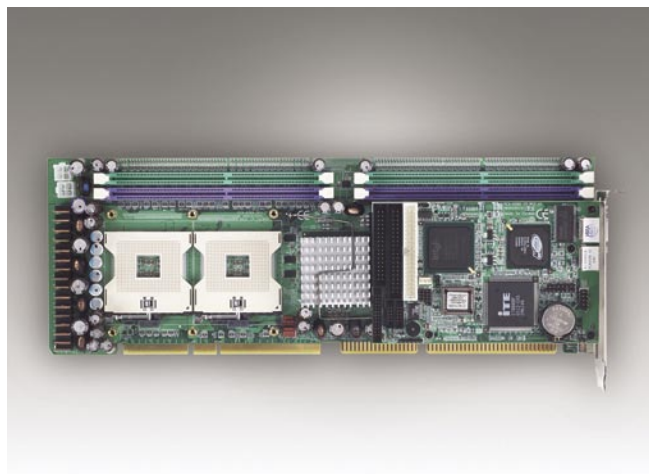


# PCA-6289

## Socket 604 Dual Xeon®/LV Xeon Processor Card with VGA/Dual GbE LAN



CE FCC

### Features

- Supports single/dual socket 604 Intel® Xeon®/LV Xeon processors up to 3.06 GHz
- Dual channel DDR 200/266 SDRAM up to 8 GB
- Intel E7501 chipset 400/533 MHz FSB
- Onboard ATI Rage™ XL with 8 MB frame buffer memory
- 64-bit, 66 MHz PCI-X
- Supports 10/100/1000Base-T Ethernet
- Four USB 1.1 ports
- Low-profile customized CPU cooler included

### Specifications

Processor System	CPU	Single/Dual Intel Xeon/LV Xeon processors		
	Max. Speed	3.06 GHz		
	L2 Cache	512 KB		
	L3 Cache	2 MB		
	Chipset	Intel E7501 + ICH3-S + P64H2		
	BIOS	Award™ 8 Mbit FWH		
	Front Side Bus	400/533 MHz		
Bus	PCI	64 bit/66 MHz PCI-X		
	ISA	HISA (ISA high drive)		
Memory	Technology	Dual channel DDR 200/266 MHz (Registered/ECC DIMMs only)		
	Max. Capacity	8 GB		
	Socket	184-pin DIMM x 4		
Graphic	Controller	ATI Rage™ XL		
	VRAM	8 MB frame buffer memory		
	Video Output	15 pin CRT connector x 1		
Ethernet	Interface	10/100/1000 Base-T		
	Controller	Dual Intel 82545EM (Gigabit)		
	Connector	RJ45 with LED connector x 2		
EIDE	Mode	ATA 100/66/33		
	Channel	2 (Max. 4 devices)		
I/O Interface	USB	Max. 4 (USB 1.1 compliant), 2 ports on board		
	Serial	2 (RS-232)		
	Parallel	1 (EPP/ECP)		
	FDD	1		
	PS/2	1		
Watchdog Timer	Output	Interrupt, system reset		
	Interval	Programmable 1, 2, 4, 8, ..., 256 sec.		
Miscellaneous	Audio Output	AC-97 audio interface		
Power Requirement	Typical	Dual Xeon 3.06 GHz		Dual LV Xeon 2.4 G
		+5 V (10 A)	+12 V (13.5 A)	+5 V (8.5 A) +12 V (7.5 A)
		Operating		Non-Operating
Environment	Temperature	0 ~ 55° C (32 ~ 131° F), depends on CPU's speed		-20 ~ 80° C (-4 ~ 176° F)
		Physical Characteristics		
	Dimensions (W x D)	338 x 122 mm (13.3" x 4.8")		

### Ordering Information

Part Number	VGA (PCI)	Gigabit LAN
PCA-6289G2-00A1E	Yes	Dual

### Suggested System Configurations

System	Chassis	Backplane	Power Supply
2U	ACP-2000X3-00XE	-	PS-400ATX-ZBE
4U	ACP-4000BP-00XE	PCA-6113P7XE	PS-400ATX-ZBE
		PCA-6114P12X-0A2E	PS-500ATX-ZE
5U	ACP-5260BP-46RE ACP-5260BP-57NE ACP-5260BP-81NE	PCA-6115QP2X-0A2E	-
		PCA-6119P16X-0A2E	-
		-	-
7U	ACP-7000BP-46RE ACP-7000BP-57NE ACP-7000BP-81NE	PCA-6115QP2X-0A2E	-
		PCA-6119P16X-0A2E	-
		-	-

### Packing List

Part Number	Description	Quantity
-	PCA-6289 single board computer	X 1
-	Dual CPU cooler set	X 1
-	PCA-6289 startup manual	X 1
-	CD with driver utility and manual (in PDF format)	X 1
-	FDD cable	X 1
-	Ultra ATA 33/66/100 HDD cables	X 2
-	Y cable for PS/2 mouse/keyboard	X 1
-	Printer/COM port cable kit	X 1
-	COM port cable kit	X 1
-	180 mm AUX power cable	X 2

### Bracket View



PCA-6289G2-00A1E